

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 14/US/10	APPLN. NO. Not Yet Assigned
	APPLICANT: Wendell B. Colson, et al.	
	FILING DATE Herewith	ART UNIT Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DAP	RE 30254	04/1980	Rasmussen	156	578	
	286027	10/1883	Lobdell			
	718992	01/1903	Emery			
	1121898	12/1914	Davis	160	265	
	1764789	06/1930	Heald	160	121.1X	
	1937342	11/1933	Higbie			
	1958695	05/1934	Claus			
	2029675	02/1936	Schlamp			
	2056823	10/1936	Brown	160	133	
	2110145	03/1938	Loehr			
	2140049	12/1938	Grael	160	121.1	
	2267869	12/1941	Loehr			
	2571372	10/1951	Martin			
	2620850	12/1952	Janowski	154	1.6	
	2620869	12/1952	Friedman			
	2688356	09/1954	Conti	154	1	
	2822840	02/1958	Reynolds et al.	144	279	
	2834412	05/1958	Velke			
	2856324	10/1958	Janowski			
	2865446	12/1958	Cole	160	121.1	
	2914122	11/1959	Pinto	160	121.1	
	2994370	08/1961	Pinto	160	89	
	3032099	05/1962	Croxen	160	168.1	
	3111163	11/1963	Nelson			
	3125154	03/1964	Woodle			
	3141497	07/1964	Griesser	160	170	
	3170505	02/1965	Lorentzen et al.	160	178.3RX	
	3299943	01/1967	Poe	160	176.1	
	3371702	03/1968	Keegan et al.			
	3384519	05/1968	Froget	160	121.1	
	3386489	06/1968	Denton et al.	160	322X	
	3421276	01/1969	LaBarge			
	3509934	05/1970	Smart			
	3540975	11/1970	Wright et al.			
	3661665	05/1972	Froget	156	65	
	3682752	08/1972	Hunter et al.			
	3701376	10/1972	Froget	160	121	
	3708009	01/1973	Viol			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IMP	3783931	01/1974	Assael			
	3844330	10/1974	Hyman			
	3851699	12/1974	Shapiro			
	3860056	01/1975	Bruneau			
	3916973	11/1975	Schuppler et al.	160	178.3R	
	3946789	03/1976	Ronkholz-Tolle	160	84.1CX	
	3999590	12/1976	Koch	160	84.1	
	4009626	03/1977	Gressman			
	4019554	04/1977	Rasmussen	160	120 x	
	4039019	08/1977	Hopper			
	4052521	10/1977	Ferrari			
	4137111	01/1979	Hansen	156	65	
	4182088	01/1980	Ball			
	4194550	03/1980	Hopper	160	107X	
	4202395	05/1980	Heck et al.			
	4236567	12/1980	Frentzel	160	178.3R	
	4309472	01/1982	Gotting et al.			
	4332288	06/1982	Frentzel et al.			
	4335775	06/1982	Frentzel et al.			
	4344474	08/1982	Berman			
	4377431	03/1983	Chodosh			
	4386454	06/1983	Hopper	156	552X	
	4397704	08/1983	Frick			
	4434834	03/1984	Ennes			
	4450027	05/1984	Colson			
	4473101	09/1984	Langelier			
	4475579	10/1984	Bassett	160	178.3R	
	4519434	05/1985	Forquer			
	4535828	08/1985	Brockhaus	160	84.1	
	4623012	11/1986	Rude et al.	160	171X	
	4631217	12/1986	Anderson			
	4647488	03/1987	Schnebly			
	4673018	06/1987	Judkins			
	4685986	08/1987	Anderson	160	84.1X	
	4687038	08/1987	Clemente			
	4694543	09/1987	Conley			
	4732630	03/1988	Schnebly	156	64	
	4799299	01/1989	Campbell			
	4815581	03/1989	Deutschlander			
	4826555	05/1989	Long			
	4858668	08/1989	Toti	160	84.1C	
	4862941	09/1989	Colson	160	84.1D	
	4884612	12/1989	Schnebly et al.	160	121.1X	
IMP	4885190	12/1989	Schnebly	427	207.1	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TD	4895611	01/1990	Bryniarski et al.			
	4909870	03/1990	Gould et al.			
	4912900	04/1990	Yeamans			
	4915153	04/1990	Toti	160	345X	
	4928369	05/1990	Schnebley et al.			
	4948445	08/1990	Hees			
	4984617	01/1991	Corey	160	84.1D	
	5002628	03/1991	Schnebly			
	5012552	05/1991	Wulf			
	5070924	12/1991	Bateman			
	5106444	04/1992	Corey et al.	160	84.1X	
	5193601	03/1993	Corey	160	84.1D	
	5228936	07/1993	Goodhue			
	5287908	02/1994	Hoffmann et al.			
	5301733	04/1994	Toti			
	5313999	05/1994	Colson et al.			
	5320154	06/1994	Colson et al.	160	121.1	
	5339882	08/1994	Judkins			
	5339883	08/1994	Colson et al.			
	5394922	03/1995	Colson et al.	160	121.1	
	5454414	10/1995	Colson et al.	579	442	
	5490553	02/1996	Colson et al.	160	84.06	
	5558925	09/1996	Fritzman	160	84.01	
	5603369	02/1997	Colson et al.	160	84.01	
	5638880	06/1997	Colson et al.			
	5664613	09/1997	Jelic	160	84.05	
	5714034	02/1998	Goodhue			
	5718799	02/1998	Colson et al.	156	578	
	5845690	12/1998	Bornhorst, Jr. et al.	160	84.01	
	5855235	01/1999	Colson et al.	160	121.1	
	5897731	04/1999	Colson et al.	160	84.05	
	6001199	12/1999	Colson et al.	156	65	
TD	6112797	09/2000	Colson et al.	160	121.1	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
						YES	NO
TD	249985	05/1961	Australia				
	672993	03/1966	Belgium				
	2090046	02/1993	Canada				
TD	029442	11/1984	EPO				

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASSES	TRANSLATION	
							YES	NO
IND		220074	04/1987	EPO				
		482793	04/1992	EPO				
		688935	12/1995	EPO				
		319458	11/1902	France				
		847779	10/1939	France				
		1166398	11/1958	France				
		1309194	10/1962	France				
		1321456	02/1963	France				
		1364674	05/1964	France				
		1373515	08/1964	France				
		1381472	11/1964	France				
		1465261	11/1966	France				
		1480262	04/1967	France				
		1521488	03/1968	France				
		1526507	04/1968	France				
		1585159	01/1970	France				
		2095034	02/1972	France				
		2180260	11/1973	France				
		2362264	03/1978	France				
		2398170	02/1979	France				
		122088	04/1900	Germany				
		382758	10/1923	Germany				
		684202	11/1939	Germany				
		1241361	07/1964	Germany				
		1942674	03/1970	Germany				
		1965360	08/1970	Germany				
		7008554	10/1971	Germany				
		2735654	02/1979	Germany				
		2923233	12/1980	Germany				
		2936811	04/1981	Germany				
		3041983	09/1982	Germany				
		3525515	01/1987	Germany				
		8906284	09/1989	Germany				
		51-136344	11/1976	Japan				
		6508988	01/1967	Netherlands				
		7805464	10/1978	Netherlands				
		331432	09/1958	Switzerland				
		423207	04/1967	Switzerland				
		476482	09/1969	Switzerland				
		494338	09/1970	Switzerland				
IND		951484	03/1964	United Kingdom				

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

7-9-04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.